

RSDO Test**Launch****Manifested****Launching: 9/1/2005****Ready by: 6/1/2005****Sponsor: RSDO****Last updated: 03/02/2005 at 12:00 AM****RSDO Test Launch Vehicle**

Vehicle Class: Athena

Vehicle Configuration: Athena_II

Launching From: Cape Canaveral

RSDO Test Orbit Parameters

	Nominal	Min	Max
Launch Date: 9/1/2005		N/A	N/A
Apogee altitude (km/nmi): 300/162.0		N/A	N/A
Perigee altitude (km/nmi): 300/162.0		N/A	N/A
Inclination (deg): N/A		N/A	N/A
Argument of Perigee (deg): TBD		N/A	N/A
Ascending Node (AN) (deg): TBD		N/A	N/A
or Mean Local Time of the AN: N/A		N/A	N/A
Design Orbit Lifetime (years): TBD			
C3 (km ² /s ²): N/A			
Geosynchronous Longitude (deg): TBD			
Daily launch window duration (min): TBD			
Launch window open/close (GMT): TBD			
Yearly/seasonal launch window: TBD			

RSDO Test Launch Ride-Share Opportunity**Ride-share opportunity available**

Application Deadline: TBD

Need Date for Integration: TBD

Launch Vehicle: Athena/Athena_II

Allocated Mass (kg/lb): N/A

Allocated Volume

Length (m/in): N/A

Diameter (m/in): N/A

Mounting Dimensions: TBD

Mounting Location: TBD

Mechanical Interface: TBD

Electrical Interface: TBD

Power Available (W): TBD

Peak Power Available (W): TBD

Telemetry Rates Available: TBD

Separation Sequence: TBD

Spinning Separation: TBD

Other Notes: TBD

RSDO Test Attitude Control

Attitude Stabilization: TBD
Pointing Control(arc seconds): TBD
Pointing Stability(arc seconds): TBD
Slew Rate(deg/sec): TBD
Pointing Knowledge(arc seconds): TBD
Pointing Modes: TBD

RSDO Test Command & Data Handling

Download Rate: TBD
Uplink Rate: TBD
TTC Format: TBD
Data Sample Rate: TBD
Data Storage Capacity: TBD

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RSDO Test Other Mission Notes

Budget Status: None
Program Schedule: TBD
Mission Home Page: TBD
Other Miscellaneous Notes: TBD

RSDO Test Contact Information

Mission Contact (Prime)

Stephen Gardner
011-44-1635-46254
gardner@sil.com